

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

F1_R2

C Number: C99037B

Lock Date: 11/20/2006

Cage Range: ALL

Date Range: ALL

Reasons For Removal: ALL

Removal Date Range: ALL

Treatment Groups: Include ALL

Study Gender: Both

TDMSE Version: 2.1.0

Note: Animals arranged according to days on test.

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First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

CARDIOVASCULAR SYSTEM

Heart + X
 Schwannoma Benign
 Schwannoma Malignant

ENDOCRINE SYSTEM

* .. Total animals with tissue examined microscopically: Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

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First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

**males
(cont...)**

Mammary Gland Fibroadenoma

Skin

Basal Cell Adenoma

Basal Cell Carcinoma

Keratoacanthoma

Sarcoma

Trichoepithelioma

Subcutaneous Tissue, Fibroma

Subcutaneous Tissue, Fibrosarcoma
Subcutaneous Tissue, Fibrosarcoma
Multiple

Subcutaneous Tissue: Sarcoma

x

X X

X

x x

MUSCULOSKELETAL SYSTEM

Skeletal Muscle
Osteosarcoma, Metastatic, Bone

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

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Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONE MIXAE

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SR

NERVOUS SYSTEM

RESPIRATORY SYSTEM

Alveolar/Bronchiolar Carcinoma, Multiple
Basal Cell Carcinoma, Metastatic, Skin
Osteosarcoma, Metastatic, Bone

x

SPECIAL SENSES SYSTEM

URINARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
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BLANK .. Not examined microscopically

TDMS No. 99037 - 05

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Lab: SRI

SYSTEMIC LESIONS

Histiocytic Sarcoma

Leukemia Mononuclear

Mesothelioma Malignant

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+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

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BLANK .. Not examined microscopically

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Lab: SR

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

| .. Insufficient tissue

BEAN :: Not examined microscopically

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Lab: SRI

CARDIOVASCULAR SYSTEM

Heart	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Schwannoma Benign																	X				2
Schwannoma Malignant																		X			1

ENDOCRINE SYSTEM

Adrenal Cortex Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1
.....																					
Adrenal Medulla Pheochromocytoma Benign	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 5
Bilateral, Pheochromocytoma Benign				X		X															1
.....																					
Islets, Pancreatic Adenoma	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50 1
Carcinoma																			X		2

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x Lesion present

| Insufficient tissue

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Test Type: CHRONIC

Route: Gavage

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thyione mixture

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Date Report Requested: 05/28/2009

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First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

Thyroid Gland C-cell Adenoma X X X X X X X

GENERAL BODY SYSTEM

Tissue NOS

Alveolar/Bronchiolar Carcinoma,
Metastatic, Lung 1

GENITAL SYSTEM

Adenoma X 2

Carcinoma 1

Sarcoma, Metastatic, Skin 1

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x Lesion present

.. Lesion present
 Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK Not examined microscopically

TDMS No. 99037 - 05

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P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

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Date Report Requested: 05/28/2009

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First Dose M/F: 06/09/03 / 06/09/03

Lab: SR

HEMATOPOIETIC SYSTEM

INTEGUMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

| Insufficient tissue

BEANK ... Not examined microscopically

TDMS No. 99037 - 05

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Lab: SRI

MUSCULOSKELETAL SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

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Lab: SRI

NERVOUS SYSTEM

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

URINARY SYSTEM

* Total animals with tissue examined microscopically; Total animals with tumor

+ Tissue examined microscopically

Lesion present

.. Lesion present
 Insufficient tissue

M Missing tissue

A. Autolysis precludes evaluation

BLANK Not examined microscopically

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P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

Kidney + + + + + + + + + + + + + + + + + A + + + + + + + + + + 48

SYSTEMIC LESIONS

- * .. Total animals with tissue examined microscopically; Total animals with tumor
- + .. Tissue examined microscopically
- x .. Lesion present
- | .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

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Lab: SR

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	2	4	5	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	
	9	7	1	5	9	0	1	1	1	1	2	2	6	6	7	7	8	0	0	0	1	1	1	1	1	2	2	2	2	2	
	9	7	9	6	9	3	0	0	0	7	6	6	2	8	7	7	9	2	2	8	6	6	6	6	6	6	6	6	6	6	
	
FISCHER 344 RATS MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
ANIMAL ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12.5 MG/KG	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	6	5	5	9	8	5	7	8	8	7	7	8	5	0	6	7	9	8	9	7	5	7	8	8	6	males	(cont...)				
	7	3	4	0	5	2	4	0	3	2	7	1	6	0	4	6	2	8	7	1	1	0	2	6	5						

ALIMENTARY SYSTEM

* ... Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

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A .. Autolysis precludes evaluation

x Lesion present

BLANK Not examined microscopically

| Insufficient tissue

BEANK :: Not examined microscopically

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M .. Missing tissue

+ .. Tissue examined microscopically

A.. Autolysis precludes evaluation

x ... Lesion present

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.. Lesion present
 Insufficient tissue

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Lab: SR

GENERAL BODY SYSTEM

Tissue NOS

GENITAL SYSTEM

* = Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

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A.. Autolysis precludes evaluation

x Lesion present

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| Insufficient tissue

BEANK :: Not examined microscopically

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Lab: SR

HEMATOPOIETIC SYSTEM

INTEGUMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

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A .. Autolysis precludes evaluation

x Lesion present

BLANK Not examined microscopically

.. Lesion present
 Insufficient tissue

TDMS No. 99037 - 05

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Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Basal Cell Adenoma								X															2	
Basal Cell Carcinoma																							X	1
Keratoacanthoma																								3
Squamous Cell Carcinoma																								1
Subcutaneous Tissue, Fibroma					X		X								X			X						10
Subcutaneous Tissue, Fibroma, Multiple				X																				2
Subcutaneous Tissue, Fibrosarcoma																								1
Subcutaneous Tissue, Lipoma																				X				1

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x ... Lesion present

| Insufficient tissue

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P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

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First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

Granular Cell Tumor Benign X

Peripheral Nerve + 1

Spinal Cord Injury
1

Spinal Cord +

RESPIRATORY SYSTEM

Alveolar/Bronchiolar Adenoma X 1

Squamous Cell Carcinoma, Metastatic,
Skin

SPECIAL SENSES SYSTEM

Lacrimal Gland

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Species/Strain: RATS/F 344/M

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ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

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A .. Autolysis precludes evaluation

x Lesion present

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 Insufficient tissue

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Lab: SR

**males
(cont...)**

Stomach, Forestomach

Stomach, Glandular

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

Adrenal Cortex + + + + + + + + + + + + + + A + + + + + + + + + + + +

Adrenal Medulla + + + + + + + + + + M + + + + + + + + + + + + + + + + + X X

Pheochromocytoma Benign

Pheochromocytoma Malignant

Bilateral, Pheochromocytoma Benign

Parathyroid Gland + + + | + + + + + + M +

* .. Total animals with tissue examined microscopically; Total animals with tumor

† .. Tissue examined microscopically

- ✗ Lesion present

Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONE MIXAE

Date Report Requested: 05/28/2009

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First Dose M/F: 06/09/03 / 06/09/03

Lab: SR

**males
(cont...)**

Thyroid Gland	+	+	A	+	+	A	A	A	+	+	+	+	+	+	+	A	+	+	A	+	+	+	A	+
C-cell, Adenoma																	X		X					X
Follicular Cell, Adenoma																		X						

GENERAL BODY SYSTEM

Tissue NOS
Schwannoma Malignant

GENITAL SYSTEM

* ... Total animals with tissue examined microscopically: Total animals with tumor

† .. Tissue examined microscopically

x .. Lesion present

| Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 05

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RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

X .. Essien present
| .. Insufficient tissue

BEANK ... Not examined microscopically

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Lab: SRI

ALIMENTARY SYSTEM

Esophagus	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Intestine Large, Cecum	A	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	40
Intestine Large, Colon	A	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	33
Intestine Large, Rectum	A	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	41
Intestine Small, Duodenum	+	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	37
Intestine Small, Ileum	A	A	+	+	+	+	A	+	+	+	+	+	M	+	+	+	+	+	+	+	+	30
Intestine Small, Jejunum	A	A	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	33
Liver	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Mesentery							+						+	+	+							11
Pancreas	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Mixed Tumor Benign																						1
Salivary Glands	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Schwannoma Malignant																	X					1

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
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First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

Pituitary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Pars Distalis, Adenoma	X	X		X			X	X	X			X	X				X	X			18	
<hr/>																						
Thyroid Gland	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	42	
C-cell, Adenoma																		X		X		5
Follicular Cell, Adenoma																		X				2

GENERAL BODY SYSTEM

Tissue NOS + 2
Schwannoma Malignant 1

GENITAL SYSTEM

* = Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

† .. Tissue examined microscopically

A.. Autolysis precludes evaluation

x Lesion present

BLANK Not examined microscopically

| Insufficient tissue

BEANK :: Not examined microscopically

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Lab: SRI

Carcinoma																					X		1
Fibroadenoma							X														X		3
.....	
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Keratoacanthoma														X	X								2
Subcutaneous Tissue, Fibroma														X			X			X	X		5
Subcutaneous Tissue, Fibroma, Multiple																							1
Subcutaneous Tissue, Fibrosarcoma																					X		2

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
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Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAF

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Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

X .. Essien present
| .. Insufficient tissue

DEAN ... Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/F 344/M

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

Interstitial Cell, Adenoma

X

HEMATOPOIETIC SYSTEM

INTEGUMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

x .. Lesion present
| Insufficient tissue

BEANK :: Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/F 344/M

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXA

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SR

Subcutaneous Tissue, Fibroma

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

* .. Total animals with tissue examined microscopically: Total animals with tumor

† .. Tissue examined microscopically

- ✗ Lesion present

.. Lesion present

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK Not examined microscopically.

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: Gavage

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

URINARY SYSTEM

Kidney

Urinary Bladder

SYSTEMIC LESIONS

Multiple Organ

Mesothelioma Malignant

X

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: Gavage

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thyione mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically: Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A.. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

| Insufficient tissue

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/F 344/M

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

Interstitial Cell Adenoma

X

X

X

4

HEMATOPOIETIC SYSTEM

Bone Marrow	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Lymph Node																									5
Lymph Node, Mandibular	M	M	M	M	M	M	M	+	M	M	+	M	M	M	M	M	M	M	M	M	M	M	M	M	3
Lymph Node, Mesenteric	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Spleen	+	+	+	+	+	+	+	+	+	+	A	+	A	+	+	+	+	+	+	+	+	+	+	+	48
Thymus	+		+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	M	+	+	+	+	+	+	47

INTEGUMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x ... Lesion present

x .. Lesion present
| Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: Gavage

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thyione mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

URINARY SYSTEM

SYSTEMIC LESIONS

*** END OF MALE DATA ***

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: Gavage

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A.. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Not examined microscopically

| Insufficient tissue

BEANK :: Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: Gavage

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thyione mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

DAY ON TEST	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	4	4	4	5	5	5	5	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
	5	6	9	4	4	6	7	2	3	5	5	6	7	7	8	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
	2	2	9	5	7	6	9	3	1	2	9	2	7	7	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	
FISCHER 344 RATS FEMALE		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ANIMAL ID		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0 MG/KG		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		4	4	4	3	4	0	3	3	4	3	5	4	0	3	1	0	0	0	1	2	2	2	2	3	3	3	3	3	females
		4	3	2	1	5	7	9	3	0	2	0	1	5	5	8	6	8	9	0	6	7	8	9	0	4	(cont...)			

INTEGUMENTARY SYSTEM

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

* ... Total animals with tissue examined microscopically: Total animals with tumor

† .. Tissue examined microscopically

x .. Lesion present

| Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: Gavage

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

Harderian Gland +

URINARY SYSTEM

Mesenchymal Tumor Malignant

Ureter

Urinary Bladder + + + + + + + + + + + + + + + + + + +

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

X .. Lesion present
| Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: Gavage

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

SYSTEMIC LESIONS

Multiple Organ

Leukemia Mononuclear

X X X X

Lymphoma Malignant

X

females (cont...)

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: Gavage

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thyione mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SR

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: Gavage

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thyione mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

CARDIOVASCULAR SYSTEM

ENDOCRINE SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

† .. Tissue examined microscopically

A .. Autolysis precludes evaluation

Lesion present

BLANK Not examined microscopically

.. Lesion present
 Insufficient tissue

BEANK .. Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/F 344/M

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thyione mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

GENERAL BODY SYSTEM

Tissue NOS

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Adenoma													X		X	X	X								11
Carcinoma												X													2
Bilateral, Adenoma																							X		1

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x ... Lesion present

x .. Lesion present
| Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: Gavage

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: Gavage

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

INTEGUMENTARY SYSTEM

Mammary Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Adenoma																							1
Carcinoma																X							2
Fibroadenoma	X		X		X		X		X	X			X			X		X	X	X		X	16
Fibroadenoma, Multiple		X		X									X	X			X					X	10
Fibroma					X																		1
<hr/>																							
Skin	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Basal Cell Adenoma																							1
Basal Cell Carcinoma																							1
Subcutaneous Tissue, Fibroma																X							2

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

* ... Total animals with tissue examined microscopically: Total animals with tumor

M .. Missing tissue

† .. Tissue examined microscopically

A.. Autolysis precludes evaluation

x .. Lesion present

BLANK .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

.. Lesion present
 Insufficient tissue

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

URINARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x ... Lesion present

x .. Lesion present
| Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: Gavage

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

SYSTEMIC LESIONS

Multiple Organ

Leukemia Mononuclear

Lymphoma Malignant

- * .. Total animals with tissue examined microscopically; Total animals with tumor
- + .. Tissue examined microscopically
- x .. Lesion present
- | .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONE MIXAE

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SR

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

+ .. Tissue examined microscopically

A .. Autolysis precludes evaluation

x Lesion present

BLANK - Not examined microscopically

x .. Lesion present
| Insufficient tissue

BLANK .. Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/F 344/M

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

Tumor Type	1900	1910	1920	1930	1940	1950	1960	1970	1980	1990	2000
Adenoma		X									
Carcinoma					X						
Fibroadenoma						X	X	X	X	X	X
Fibroadenoma, Multiple											X
.....											
Kin	+	+	+	+	+	+	+	+	+	+	+
Basal Cell Adenoma	+	+	+	+	+	+	+	+	+	+	X
Keratoacanthoma										X	
Neural Crest Tumor											
Subcutaneous Tissue, Fibroma								X			

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

Alveolar/Bronchiolar Adenoma

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

† ... Tissue examined microscopically

A.. Autolysis precludes evaluation

x Lesion present

| Insufficient tissue

BLANK Not examined microscopically

~~ANALYSIS~~ .. Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: Gavage

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

† .. Tissue examined microscopically

A.. Autolysis precludes evaluation

x Lesion present

BLANK Not examined microscopically

.. Lesion present
 Insufficient tissue

BEANK .. Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: Gavage

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thyione mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

GENERAL BODY SYSTEM

Tissue NOS 1
Schwannoma Malignant 1

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50	
Adenoma		X			X					X	X	X		X											9	
Carcinoma													X													1
Bilateral, Adenoma																				X						1

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x ... Lesion present

| Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK - Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/F 344/M

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

HEMATOPOIETIC SYSTEM

INTEGUMENTARY SYSTEM

50

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

† ... Tissue examined microscopically

A.. Autolysis precludes evaluation

x Lesion present

BLANK Not examined microscopically

.. Lesion present
 Insufficient tissue

BLANK .. Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/F 344/M

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thyione mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

M .. Missing tissue

† ... Tissue examined microscopically

A.. Autolysis precludes evaluation

x Lesion present

BLANK Not examined microscopically

.. Lesion present
 Insufficient tissue

BLANK .. Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: Gavage

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXA

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SR

MUSCULOSKELETAL SYSTEM

Skeletal Muscle

NERVOUS SYSTEM

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: Gavage

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

**females
(cont...)**

URINARY SYSTEM

Kidney + + + + + + + + + + + + + A + + + A + + A + + A A A

SYSTEMIC LESIONS

Histiocytic Sarcoma X

Leukemia Mononuclear X

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
I .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/F 344/M

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thyione mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

GENERAL BODY SYSTEM

NONE

GENITAL SYSTEM

Clitoral Gland	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Adenoma								X													6
Carcinoma			X	X																	3
Ovary	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	50
Uterus	+	+	+	+	+	+	A	+	+	+	+	+	+	+	+	+	+	+	+	+	49
Granular Cell Tumor Benign						X															1
Leiomyoma																					1
Polyp Stromal			X	X										X	X						12
Sarcoma Stromal																					1
Vagina																			+		1

HEMATOPOIETIC SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

INTEGUMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 05

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Route: GAVAGE

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Lab: SRI

MUSCULOSKELETAL SYSTEM

NERVOUS SYSTEM

RESPIRATORY SYSTEM

SPECIAL SENSES SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
! .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 05

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Lab: SRI

Eye

Harderian Gland Carcinoma

URINARY SYSTEM

Kidney

Urinary Bladder

SYSTEMIC LESIONS

Multiple Organ

Histiocytic Sarcoma

Leukemia Mononuclear

X X

x x

1

5

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: Gavage

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

Harderian Gland

URINARY SYSTEM

Kidney

Urinary Bladder

SYSTEMIC LESIONS

Multiple Organ

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: GAVAGE

Species/Strain: RATS/F 344/M

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXAE

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

ALIMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor

+ .. Tissue examined microscopically

x .. Lesion present

X .. Essien present
| .. Insufficient tissue

M .. Missing tissue

A .. Autolysis precludes evaluation

BLANK .. Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: Gavage

Species/Strain: RATS/F 344/M

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thujone mixture

CAS Number: THUJONEMIXA

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SR

GENITAL SYSTEM

HEMATOPOIETIC SYSTEM

INTEGUMENTARY SYSTEM

* .. Total animals with tissue examined microscopically; Total animals with tumor
+ .. Tissue examined microscopically
x .. Lesion present
| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
BLANK .. Not examined microscopically

TDMS No. 99037 - 05

Test Type: CHRONIC

Route: Gavage

Species/Strain: RATS/F 344/N

P17: NEOPLASMS BY INDIVIDUAL ANIMAL (SYSTEMIC LESIONS ABRIDGED)

alpha/beta Thyione mixture

CAS Number: THUJONEMIXAB

Date Report Requested: 05/28/2009

Time Report Requested: 08:41:38

First Dose M/F: 06/09/03 / 06/09/03

Lab: SRI

Harderian Gland

URINARY SYSTEM

Kidney

Urinary Bladder

SYSTEMIC LESIONS

Multiple Organ

*** END OF REPORT ***

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| .. Insufficient tissue

M .. Missing tissue
A .. Autolysis precludes evaluation
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